

Abstract

A manual device for comparing the angles and lengths of mitered moulding (and other material) pairs commonly used in , but not limited to , the picture framing industry consisting of a base plate with a centrally located demarkation line & a perpendicularly mounted radiused locating tab .

Background of Invention

In the picture framing and woodworking industries mouldings & strips of lumber , plastics & metals are commonly cut at various mitered angles . (These pieces will heretofore be referred to as moulding(s)) . When these mouldings are cut to be used as a pair there are commonly errors in mitered angles , the perpendicularity of the cut , and the moulding lengths .

To correct these errors there are commercially available miter sanders . When errors occur it is necessary to have a means of comparing the mitered angles & lengths of the cut mouldings . This device will quickly & accurately compare the mitered angles and lengths of pairs of mouldings for equality (so , if necessary equality can be attained by sanding) .

Summary of Invention

With this invention the user will have a means to accurately and quickly compare the mitered angles and lengths of moulding pairs by means of a base plate having a centrally located demarkation line along its top surface , along its length , created by raised pad(s) attached to the top surface of the base plate to elevate the moulding pairs so that the sharp edge of the miter is not in contact with the base plate . At one end of the base plate is attached a right angle shaped tab with a radius in its corner mounted in a manner to the base of the plate by one leg of the tab and secured to the base plate by means of screws & pins. The tab is oriented in such a manner that the radius is parallel to the top surface of the base plate & perpendicular to the aforementioned centrally located demarkation line on the riser pad . This orientation allows that the sharp edge of the mitered moulding angle will not come in contact with the base plate or the radiused tab , as the tab will only contact the mitered angle and the outer edge of the moulding will only contact the riser pad attached to the base plate .